# SEQUENCE LISTING

<110>  Takeda Chemical Industries, Ltd.

<120>  Screening Method

<130>  3121WOOP

<150>  JP 2002-329778
<151>  2002-11-13

<160>  3

<170>  PatentIn version 3.1

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<212>  DNA
<213>  Homo sapiens

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<221>  CDS
<222>  (1)..(432)
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Met Lys Ser Gln Trp Cys Arg Pro Val Ala Met Asp Leu Gly Val Tyr
1               5                   10                  15

caa ctg aga cat ttt tca att tct ttc ttg tca tcc ttg ctg ggg act     96
Gln Leu Arg His Phe Ser Ile Ser Phe Leu Ser Ser Leu Leu Gly Thr
                20                  25                  30

gaa aac gct tct gtg aga ctt gat aat agc tcc tct ggt gca agt gtg    144
Glu Asn Ala Ser Val Arg Leu Asp Asn Ser Ser Ser Gly Ala Ser Val
            35                  40                  45

gta gct att gac aac aaa atc gag caa gct atg gat cta gtg aaa agc    192
Val Ala Ile Asp Asn Lys Ile Glu Gln Ala Met Asp Leu Val Lys Ser
        50                  55                  60

cat ttg atg tat gcg gtc aga gaa gaa gtg gag gtc ctc aaa gag caa    240
His Leu Met Tyr Ala Val Arg Glu Glu Val Glu Val Leu Lys Glu Gln
65                  70                  75                  80

atc aaa gaa cta ata gag aaa aat tcc cag ctg gag cag gag aac aat    288
Ile Lys Glu Leu Ile Glu Lys Asn Ser Gln Leu Glu Gln Glu Asn Asn
                85                  90                  95

ctg ctg aag aca ctg gcc agt cct gag cag ctt gcc cag ttt cag gcc    336
Leu Leu Lys Thr Leu Ala Ser Pro Glu Gln Leu Ala Gln Phe Gln Ala
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                    100                 105                 110

cag ctg cag act ggc tcc ccc cct gcc acc acc cag cca cag ggc acc        384
Gln Leu Gln Thr Gly Ser Pro Pro Ala Thr Thr Gln Pro Gln Gly Thr
        115             120             125

aca cag ccc ccc gcc cag cca gca tcg cag ggc tca gga cca acc gca        432
Thr Gln Pro Pro Ala Gln Pro Ala Ser Gln Gly Ser Gly Pro Thr Ala
        130             135             140


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<213> Homo sapiens

<400> 2

Met Lys Ser Gln Trp Cys Arg Pro Val Ala Met Asp Leu Gly Val Tyr
1               5               10                  15


Gln Leu Arg His Phe Ser Ile Ser Phe Leu Ser Ser Leu Leu Gly Thr
            20              25              30


Glu Asn Ala Ser Val Arg Leu Asp Asn Ser Ser Ser Gly Ala Ser Val
        35              40              45


Val Ala Ile Asp Asn Lys Ile Glu Gln Ala Met Asp Leu Val Lys Ser
    50              55              60


His Leu Met Tyr Ala Val Arg Glu Glu Val Glu Val Leu Lys Glu Gln
65              70              75              80


Ile Lys Glu Leu Ile Glu Lys Asn Ser Gln Leu Glu Gln Glu Asn Asn
                85              90              95


Leu Leu Lys Thr Leu Ala Ser Pro Glu Gln Leu Ala Gln Phe Gln Ala
            100             105             110


Gln Leu Gln Thr Gly Ser Pro Pro Ala Thr Thr Gln Pro Gln Gly Thr
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Thr Gln Pro Pro Ala Gln Pro Ala Ser Gln Gly Ser Gly Pro Thr Ala
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<213> Artificial Sequence

<220>
<223> DNA used as sense probe for in situ hybridization analysis in
Example 4.

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actcacacat gctgttctcg ctttctcccc agtattaagc actcatatgc ttttggcttg    180

aagaaatata ctagttgagt gaattaaagg ttaaacagag agtgagcatg gatgtaccct    240

gtgcaacgtg gcagatgtct gaggaatggt ttgattgacg ctgaggagga gctctgtgcc    300

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